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CLAIMS

1. A method of making an adhesive matrix containing an adhesive and a solid powdered hydrophilic drug or a solid powdered hydrophilic excipient comprising the sequential steps of (i) forming a semi-solid composition containing the solid powdered hydrophilic drug or the solid powdered hydrophilic excipient, and a silicone polyether; (ii) adding to the semi-solid composition formed in (i) an adhesive or a solution containing a solvent and an adhesive; and (iii) mixing the semi-solid composition and the adhesive or the solution containing the solvent and the adhesive to form the adhesive matrix.
2. A method according to claim 1 wherein the adhesive is hydrophobic.
3. A method according to claim 2 wherein the hydrophobic adhesive is a silicone pressure sensitive adhesive.
4. A method according to Claim 2 including the step of (iv) applying the hydrophobic matrix to a substrate.
5. A method according to Claim 1 in which the solid powdered hydrophilic drug or the solid powdered hydrophilic excipient, and the silicone polyether, are present in the semi-solid composition in a weight ratio of 1:10 to 10:1.
6. A method according to Claim 1 in which the solution containing the adhesive and the solvent contains 10-90 percent by weight of the adhesive and 10-90 percent by weight of the solvent.
7. A method according to Claim 3 wherein the silicone pressure sensitive adhesive comprises (i) a silicone MQ resin containing monofunctional (M) units $R_3SiO_{1/2}$ and tetrafunctional (Q) units SiO_4 , wherein R is a hydrocarbon group; and (ii) a polydiorganosiloxane fluid or a polydiorganosiloxane gum.

- 5 8. A method according to claim 7 wherein the polydiorganosiloxane fluid is a hydroxyl endblocked polydiorganosiloxane fluid with a viscosity of 100 to 1,000,000 centistokes (mm^2/s).
9. A method according to claim 7 wherein the polydiorganosiloxane gum is a hydroxyl endblocked polydiorganosiloxane gum.
- 10 10. A method according to Claim 1 in which the silicone polyether is a copolymeric silicone polyether containing dimethylsiloxyl repeating units and oxyalkylene functional siloxyl repeating units, the copolymeric silicone polyether having a degree of polymerization less than about twenty.
- 15 11. A method according to Claim 6 in which the solvent is selected from the group consisting of organic solvents, aromatic solvents, hydrocarbon solvents, low molecular weight short chain linear siloxanes, and cyclic siloxanes.
- 20 12. A method of making a hydrophobic matrix containing a silicone pressure sensitive adhesive and a solid powdered hydrophilic drug or a solid powdered hydrophilic excipient comprising the sequential steps of (i) forming a semi-solid composition containing the solid powdered hydrophilic drug or the solid powdered hydrophilic excipient, and a surfactant; (ii) adding to the semi-solid composition formed in (i) a silicone pressure sensitive adhesive or a solution containing a solvent and a silicone pressure sensitive adhesive; and (iii) mixing the semi-solid composition and the silicone pressure sensitive adhesive or the solution containing the solvent and the silicone pressure sensitive adhesive to form the hydrophobic matrix.
- 25 13. A method according to Claim 12 including the step of (iv) applying the hydrophobic matrix to a substrate.
- 30 14. The matrix made according to claim 1.
- 35 15. The matrix made according to claim 3.

- 5 16. The matrix made according to claim 12.
17. A composition comprising a solid powdered hydrophilic drug or a solid powdered hydrophilic excipient dispersed in a silicone polyether.
- 10 18. A hydrophobic matrix comprising a solid powdered hydrophilic drug or a solid powdered hydrophilic excipient and a silicone polyether evenly dispersed in a silicone pressure sensitive adhesive.